

EG 45-A/ABS BK - Upper housing part

2909688

<https://www.phoenixcontact.com/us/products/2909688>

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Component housing, Cover, for two-sided connection, width: 45 mm, height: 75 mm, color: black (similar RAL 9005)

The figure shows fully mounted versions of the electronic housing, in green

Your advantages

- Tool-free mounting

Commercial data

Item number	2909688
Packing unit	100 pc
Minimum order quantity	100 pc
Note	Made to order (non-returnable)
Product key	ACHCGA
GTIN	4017918406608
Weight per piece (including packing)	19.56 g
Weight per piece (excluding packing)	11.031 g
Country of origin	PL

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Technical data

Product properties

Product type	Upper housing part
Housing type	Component housing
Housing series	EG
Product family	EG...A
Number of positions	16
Number (Connection openings)	2
Ventilation openings present	no

Dimensions

Dimensional drawing	
Width	45 mm
Height	75 mm

PCB design

PCB thickness	1.4 mm ... 1.8 mm
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Material specifications

Color (Upper housing part)	black (RAL 9005)
Material Upper housing part	ABS
Flammability rating according to UL 94	HB

Environmental and real-life conditions

Ambient conditions

Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C ... 80 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 80 °C

PCB data

Thickness of the PCB	1.4 mm ... 1.8 mm
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Mounting

Mounting type	Snap in
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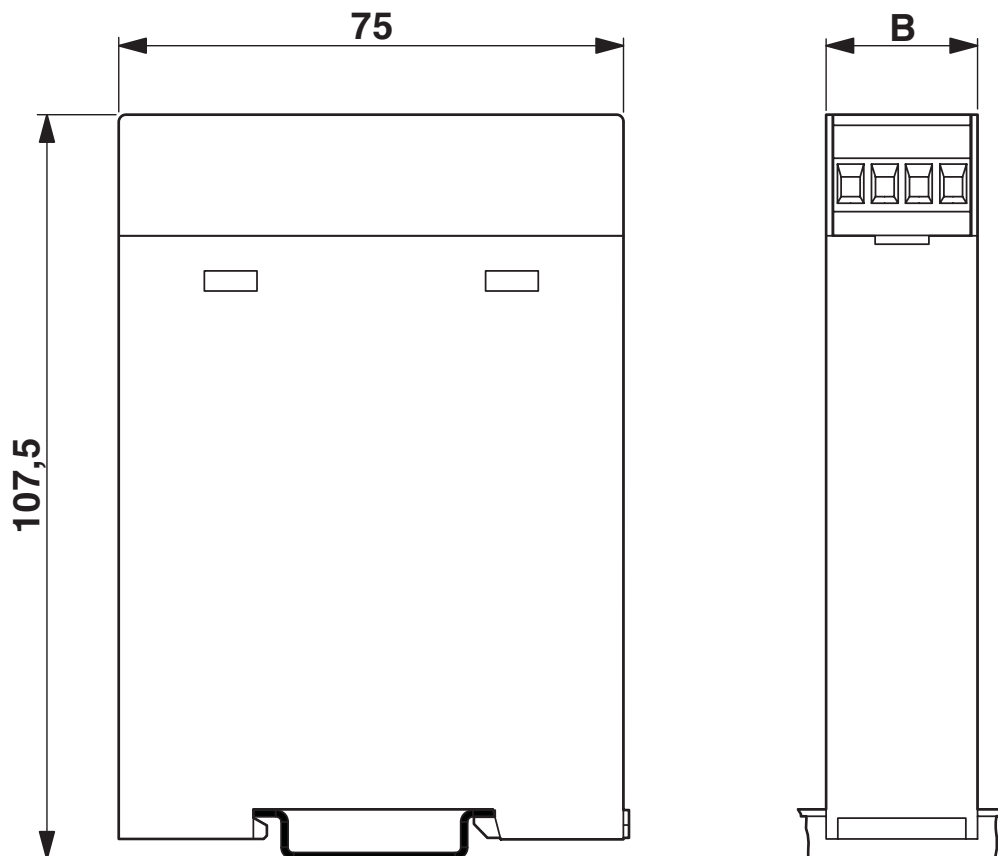
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Drawings

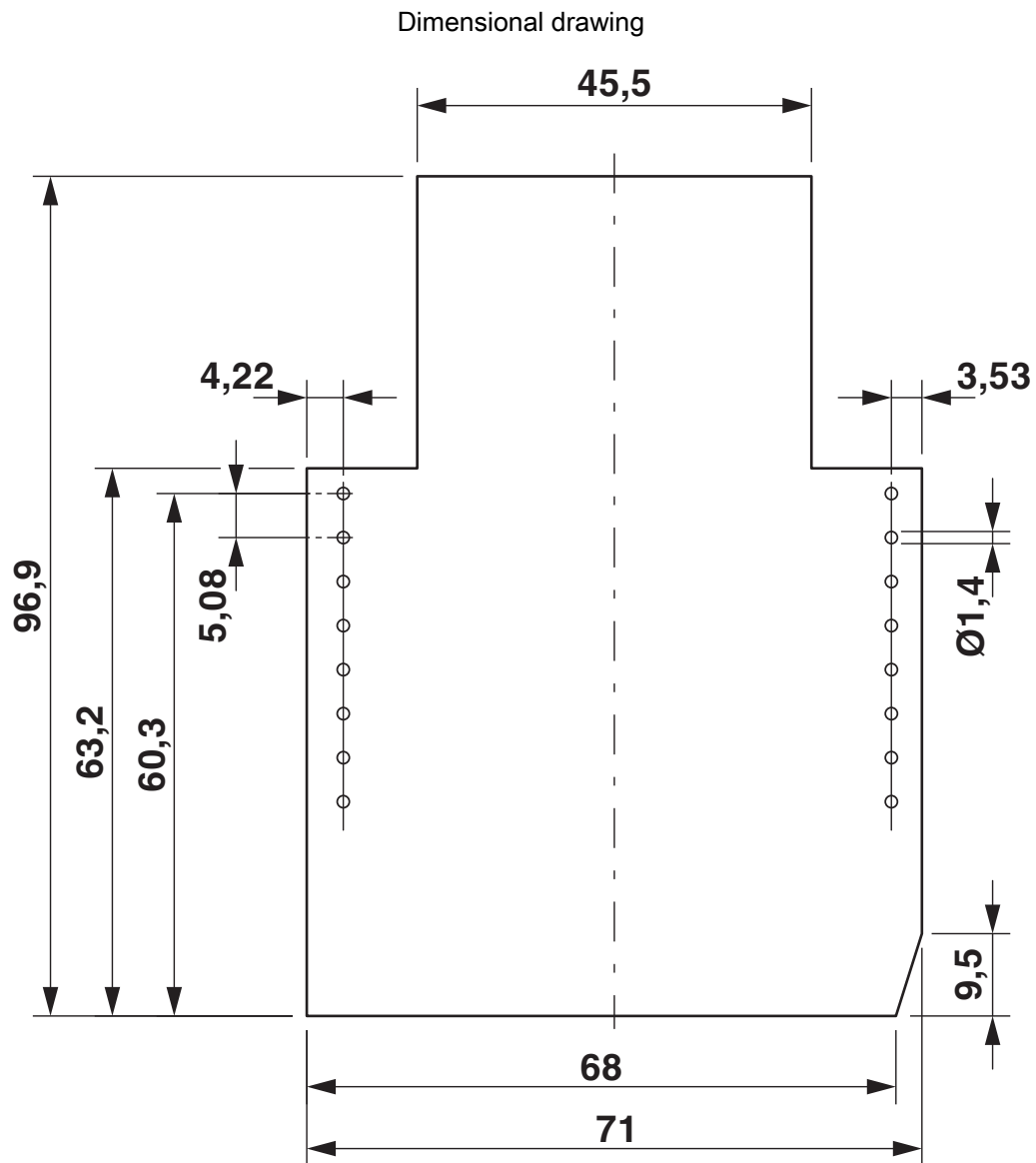
Dimensional drawing



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Component mounting side, if the double-level upper part is used

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valid for PCB 1; 3; 5 and 6, see explosion drawing



valid for PCB 7 and 12, see explosion drawing

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valid for PCB 10, see explosion drawing

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valid for PCB 13

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valid for PCB 14

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Approvals

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UL Recognized

Approval ID: E240868

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Classifications

ECLASS

ECLASS-13.0	27190603
ECLASS-15.0	27190603

ETIM

ETIM 10.0	EC002779
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UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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